

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/539,476 A
Source: PCT
Date Processed by STIC: 3/16/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



105

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006
TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt
Output Set: N:\CRF4\03162006\J539476A.raw

3 <110> APPLICANT: Centro de Ingenieria Genetica y Biotecnologia
 5 <120> TITLE OF INVENTION: ARTIFICIAL PROMOTOR FOR THE EXPRESSION OF DNA SEQUENCES IN
 PLANT CELLS
 7 <130> FILE REFERENCE: 976-26 PCT/US
 9 <140> CURRENT APPLICATION NUMBER: 10/539,476A
 10 <141> CURRENT FILING DATE: 2005-06-20
 12 <150> PRIOR APPLICATION NUMBER: PCT/CU2003/00018
 13 <151> PRIOR FILING DATE: 2003-12-19
 15 <150> PRIOR APPLICATION NUMBER: CU 2002/0337
 16 <151> PRIOR FILING DATE: 2002-12-27
 18 <160> NUMBER OF SEQ ID NOS: 34
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 86
 24 <212> TYPE: DNA
 25 <213> ORGANISM: artificial sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: synthetic peptide
 30 <400> SEQUENCE: 1
 31 gaaacaaaatt gaacatcatt ctatcaatac aacacaaaaca caacacaact caatcattta 60
 33 tttgacaaca caactaaaca accatg 86
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 198
 38 <212> TYPE: DNA
 39 <213> ORGANISM: artificial sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: synthetic peptide same error
 44 <400> SEQUENCE: 2
 45 gaattctata tataggaagt tcatttcatt tggagccccc caaccctacc accaccacca 60
 47 ccaccacctc ctccttcaca caacacacac acaacagatc tcccccatcc tccctccgt 120
 49 cgcgcgcgc aacacctggt aagatggctg tgcgctcaga tatataatgt gatatgcact 180
 51 acaaagatca taactagt 198
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 231
 56 <212> TYPE: DNA
 57 <213> ORGANISM: artificial sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: synthetic peptide
 62 <400> SEQUENCE: 3
 63 ctagaccgcc gcctccccc ccccccctct ctaccttctc tctttcttc tccgtttttt 60
 65 tttccgtct cgtctcgatc tttggccttg gtatgggg ggcgagaggc ggctcgatcg 120
 67 cccagatcggt tgccgtttt ttatattggat gggccggat ctcgcggctg ggtctcgccg 180
 69 tgccggccggat ttctcgccggat gaatggggct ctcggatgtg gatccgagct c 231
 72 <210> SEQ ID NO: 4

pp 1-6
*Does Not Comply
 Corrected Diskette Needed*

*This is not a
 peptide sequence. Just
 use*

*"Synthetic
 construct"*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006
TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt
Output Set: N:\CRF4\03162006\J539476A.raw

73 <211> LENGTH: 255
 74 <212> TYPE: DNA
 75 <213> ORGANISM: artificial sequence
 77 <220> FEATURE:
 78 <223> OTHER INFORMATION: synthetic peptide
 80 <400> SEQUENCE: 4
 81 gatctgatcc gccgttggat ggggagatata ggggcgttta aaatttcgcc atgctaaaca 60
 83 agatcaggaa gaggggaaaa gggcactatg gttaatttt tatatatattc tgctgctgct 120
 85 cgtcaggatt agatgtgctt gatctttctt tcttctttt gtgggttagaa tttgaatccc 180
 87 tcagcattgt tcatcggtat ttttctttt gtcgatgctc accctgttgt ttgggtttt 240
 89 tatactagtg agctc 255
 92 <210> SEQ ID NO: 5
 93 <211> LENGTH: 93
 94 <212> TYPE: DNA
 95 <213> ORGANISM: artificial sequence
 97 <220> FEATURE:
 98 <223> OTHER INFORMATION: synthetic peptide
 100 <400> SEQUENCE: 5
 101 ctatggcta tcctgacacg gtctctttgt caaatatctc tgtgtgcagg tataactgca 60
 103 ggaaacaaca acaataacca tggtagatag ctc 93
 106 <210> SEQ ID NO: 6
 107 <211> LENGTH: 692
 108 <212> TYPE: DNA
 109 <213> ORGANISM: artificial sequence
 111 <220> FEATURE:
 112 <223> OTHER INFORMATION: synthetic peptide
 114 <400> SEQUENCE: 6
 115 accaccacca ccaccaccac ctcctccttc acacaacaca cacacaacag atctccccca 60
 117 tcctccctcc cgtcgcgcg cgcaacacct ggtaagatgg ctgtgcgcgc agatataat 120
 119 agtgatatgc actacaaaga tcataactag accggcgct cccccccccc ccctctctac 180
 121 cttctctctt tctttctccg tttttttttt ccgtctcgct tcgatcttg gccttggtag 240
 123 ttggggggcg agaggcggtc tcgtcgccca gatcggtgcg cgttttta ttgggggggg 300
 125 cgggatctcg cggctgggtc tcggcgtgcg gccggattct cgccggaaat gggctctcg 360
 127 gatgtggatc tgatccgcg ttgtgggg agatatgggg cgttaaaat ttgcgcatgc 420
 129 taaaacaagat caggaagagg ggaaaaggaa actatggtt aattttata tatttctgt 480
 131 gctgctcgatc aggattagat gtgcttgatc tttttttttt ctttttggtagaatttg 540
 133 aatccctcag cattgttcat cggttagttt tctttgtcg atgctcaccc tgggtttgg 600
 135 tgttttata ctatggcta tcctgacacg gtctctttgt caaatatctc tgtgtgcagg 660
 137 tataactgca ggaaacaaca acaataacca tg 692
 140 <210> SEQ ID NO: 7
 141 <211> LENGTH: 750
 142 <212> TYPE: DNA
 143 <213> ORGANISM: artificial sequence
 145 <220> FEATURE:
 146 <223> OTHER INFORMATION: synthetic peptide
 148 <400> SEQUENCE: 7
 149 gaattctata tatagaaagt tcatttcatt tggagccccca aacccttacc accaccacca 60
 151 ccaccaccc tccttcaca caacacacac acaacagatc tccccatcc tccctcccg 120
 153 cgcgcgcgc aacacctgg aagatggctg tgcgctcaga tatataatgt gatatgcact 180

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

155	acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct	240
157	ttctccgttt ttttttccg ttcgtctcg atcttggcc ttggtagttt gggggcgaga	300
159	ggcggttcg tcgcccagat cgggtgcgcgt ttttttattt ggaggggcgg gatctcgagg	360
161	ctgggtctcg gcgtgcggcc ggattctcg gggaaatggg gctctcgat gtggatctga	420
163	tccgcgttg ttgggggaga tatggggcgt taaaatttc gccatgctaa acaagatcag	480
165	gaagagggga aaagggcact atggttaat ttttatataat ttctgtctgt gctcgtcagg	540
167	attagatgtg ctgtatctt ctttcttctt tttgtggta gaatttgaat ccctcagcat	600
169	tgttcatcg tagttttct tttgtcgatg ctcaccctgt tgtttgggt ttttatacta	660
171	gtggctatcc tgacacggc tctttgtcaa atatctctgt gtgcaggat aactgcagga	720
173	aacaacaaca ataaccatgg tctagagctc	750
176	<210> SEQ ID NO: 8	
177	<211> LENGTH: 757	
178	<212> TYPE: DNA	
179	<213> ORGANISM: artificial sequence	
181	<220> FEATURE:	
182	<223> OTHER INFORMATION: synthetic peptide	
184	<400> SEQUENCE: 8	
185	accaccacca ccaccaccac ctccctccttc acacaacaca cacacaacag atctccccc	60
187	tcctccctcc cgtcgcgcg cgcaacacct ggtaagatgg ctgtgcgcgc agatataat	120
189	agtatgtc actacaaaga tcataactag accgcgcct cccccccccc ccctctctac	180
191	tttctctttt ttttttccg tttttttttt ccgtctcgat tcgatctttg gccttggtag	240
193	tttggggggcg agaggcggct tcgtgcggca gatcggtgcg cgtttttta tttggagggg	300
195	cgggatctcg cggctgggtc tcggcgtgcg gccgattct cgccggaaat gggctctcg	360
197	gatgtggatc tgatccgcg ttgttgggg agatatggg cgtttaaat ttgcgcatgc	420
199	taaacaagat caggaagagg gaaaaaggc actatggtt aattttata tatttctgt	480
201	gtgtcgatc aggattatgt gtgttgcattttt cttttttttt cttttttttt gtgttgcatt	540
203	aatccctca gattttcat cggtagttt tctttgtcg atgctcaccc tttttttttt	600
205	tgttttataat ctatggctt tcttgcacacg gtctctttgt caaatatctc tttttttttt	660
207	tataactgca gaaaaacaaat tgaacatcat tctatcaata caacacaaac acaacacaaac	720
209	tcaatcattt atttgcacaaac acaactaaac aaccatg	757
212	<210> SEQ ID NO: 9	
213	<211> LENGTH: 815	
214	<212> TYPE: DNA	
215	<213> ORGANISM: artificial sequence	
217	<220> FEATURE:	
218	<223> OTHER INFORMATION: synthetic peptide	
220	<400> SEQUENCE: 9	
221	gaattctata tataggaagt tcatttcatt tggggccccc caaccctacc accaccacca	60
223	ccaccacctc ctccctcaca caacacacac acaacagatc tccccccatcc tccctcccg	120
225	cgcgcgcgcg aacacctggg aagatggctg tgcgtctaga tatataatgt gatatgcact	180
227	acaaagatca taactagacc gccgcctccc cccccccccc tctctacctt ctctctttct	240
229	ttctccgttt ttttttccg ttcgtctcg atcttggcc ttggtagttt gggggcgaga	300
231	ggcggttcg tcgcccagat cgggtgcgcgt ttttttattt ggaggggcgg gatctcgagg	360
233	ctgggtctcg gcgtgcggcc ggattctcg gggaaatggg gctctcgat gtggatctga	420
235	tccgcgttg ttgggggaga tatggggcgt taaaatttc gccatgctaa acaagatcag	480
237	gaagagggga aaagggcact atggttaat ttttatataat ttctgtctgt gctcgtcagg	540
239	attagatgtg ctgtatctt ctttcttctt tttgtggta gaatttgaat ccctcagcat	600
241	tgttcatcg tagttttct tttgtcgatg ctcaccctgt tgtttgggt ttttatacta	660
243	gtggctatcc tgacacggc tctttgtcaa atatctctgt gtgcaggat aactgcagga	720

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006

TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

245	aacaaattga acatcattct atcaatacaa cacaacaca acacaactca atcatttatt	780
247	tgacaacaca actaaacaac catggcttag agctc	815
250	<210> SEQ ID NO: 10	
251	<211> LENGTH: 184	
252	<212> TYPE: DNA	
253	<213> ORGANISM: artificial sequence	
255	<220> FEATURE:	
256	<223> OTHER INFORMATION: synthetic peptide	
258	<400> SEQUENCE: 10	
259	atcaccgtga gttgtccgca ccaccgcacg tctcgagcc aaaaaaaaaa aaagaaaagaa	60
261	aaaaaaagaaa aagaaaaaac agcagggtgg tccgggtcggt gggggccgga aaagcgagga	120
263	ggatcgcgag cagcgcacgag gccggccctc cctccgcttc caaagaaacg cccccatca	180
265	attc	184
268	<210> SEQ ID NO: 11	
269	<211> LENGTH: 94	
270	<212> TYPE: DNA	
271	<213> ORGANISM: artificial sequence	
273	<220> FEATURE:	
274	<223> OTHER INFORMATION: synthetic peptide	
276	<400> SEQUENCE: 11	
277	aagcttgata tccatagcaa gcccagccca acccaaccca acccaaccca ccccaagtgca	60
279	gccaactggc aaatagtctc cacacccccc cact	94
282	<210> SEQ ID NO: 12	
283	<211> LENGTH: 1087	
284	<212> TYPE: DNA	
285	<213> ORGANISM: artificial sequence	
287	<220> FEATURE:	
288	<223> OTHER INFORMATION: synthetic peptide	
290	<400> SEQUENCE: 12	
291	aagcttgata tccatagcaa gcccagccca acccaaccca acccaaccca ccccaagtgca	60
293	gccaactggc aaatagtctc cacacccccc cactatcacc gtgagttgtc cgccaccacccg	120
295	cacgtctcgc agccaaaaaa aaaaaaagaa agaaaaaaa gaaaaagaaa aaacagcagg	180
297	tgggtccggg tcgtggggc cggaaaagcg aggaggatcg cgagcagcga cgaggccggc	240
299	cctccctccg cttccaaaga aacgcccccc atcaattcta tatataagaa gttcatttca	300
301	tttggagccc cccaaaccta ccaccaccac caccaccacc tcctcattca cacaacacac	360
303	acacaacaga tctcccccatt cttccctccc gtcgcgcgc gcaacacactg gtaagatggc	420
305	tgtgcgtca gatatatata gtatatgca ctacaaagat cataactaga cccggccctc	480
307	cccccccccc cctctctacc ttctctcttt ctttctccgt ttttttttc cgctctcgct	540
309	cgatctttgg ctttgttagt ttggggggca gagggcgctt cgctgcccag atcggtgcgc	600
311	gttttttat ttggggggc gggatctcgc ggctgggtct cggcggtcgcc cggattctc	660
313	gccccggatg gggctctcgg atgtggatct gatccgcgt tttttttttt gatatggggc	720
315	gtttaaaatt tcgcctatgaa aacaagatc aggaagaggg gaaaaggca ctatggttta	780
317	atttttatatttctgtcgtca ggatttagatg tgcttgatct ttcttttttcc	840
319	ttttttgtggg tagaatttga atccctcagc atttttcattt ggttagttttt cttttgtcga	900
321	tgtctcacccct gttgtttgggt gtttttatac tagtggctat cctgacacgg tctctttgtc	960
323	aaatatctct gtgtgcaggataactgcag gaaacaaatt gaacatcatt ctatcaatac	1020
325	aacacaaaaca caacacaact caatcatttta tttgacaaca caactaaaca accatggct	1080
327	agagctc	1087
330	<210> SEQ ID NO: 13	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006
TIME: 11:37:42

Input Set : A:\Sequence Listing Project.txt
Output Set: N:\CRF4\03162006\J539476A.raw

331 <211> LENGTH: 31	
332 <212> TYPE: DNA	
333 <213> ORGANISM: artificial sequence	
335 <220> FEATURE:	
336 <223> OTHER INFORMATION: synthetic peptide	
338 <400> SEQUENCE: 13	
339 gtcgactgac gcttcgaatg acgcacatgc c	31
342 <210> SEQ ID NO: 14	
343 <211> LENGTH: 1065	
344 <212> TYPE: DNA	
345 <213> ORGANISM: artificial sequence	
347 <220> FEATURE:	
348 <223> OTHER INFORMATION: synthetic peptide	
350 <400> SEQUENCE: 14	
351 ggtaccgggc ccccccctcga ctgacgcttc gaatgacgca catgccatca ccgtgagttg	60
353 tccgcaccac cgacacgtctc gcagccaaaa aaaaaaaaaaag aaagaaaaaa aagaaaaaaga	120
355 aaaaacagca ggtgggtccg gtcgtgggg gccgaaaaag cgaggagat cgctgacgct	180
357 tcgaatgacg cacatccccg agcagcgaag aggccggccc tccctccgct tccaaagaaa	240
359 cgccccccat caatttata tataggaat tcatttcatt tggagccccc caaccctacc	300
361 accaccacca ccaccacctc ctccttcaca caacacacac acaacagatc tcccccatcc	360
363 tccctcccg cgcgcgcgc aacaccttgt aagatggctg tgcgctcaga tatatatagt	420
365 gatatgcact acaaagatca taacttagacc gccgcctccc cccccccccc tctctacctt	480
367 ctctctttct ttctccgttt ttttttccg tctcgctcgt atctttggcc ttggtagttt	540
369 gggggcgaga ggcggcttcg tcgcccagat cggtgcgcgt ttttttattt ggagggggcgg	600
371 gatctcgcgg ctgggtctcg gcgtgcggcc ggattctcgc gggaaatggg gctctcgat	660
373 gtggatctga tccgcgttg ttgggggaga tatggggcgt taaaatttc gccatgctaa	720
375 acaagatcaag gaagagggga aaagggcaact atgggtaat ttttatatat ttctgctgct	780
377 gtcgtcagg attagatgtg ctgtatctt ctttcttctt ttgtggta gaatttgaat	840
379 coctcagcat tgttcatcgg tagttttctt ttgtcgatg ctcaccctgt tgttgggtgt	900
381 ttttatacta gtggctatcc tgacacggc tctttgtcaa atatctctgt gtgcaggtat	960
383 aactgcagga aacaattga acatcattct atcaatacaa cacaacaca acacaactca	1020
385 atcatttatt tgacaacaca actaaacaac catggcttag agctc	1065
388 <210> SEQ ID NO: 15	
389 <211> LENGTH: 1135	
390 <212> TYPE: DNA	
391 <213> ORGANISM: artificial sequence	
393 <220> FEATURE:	
394 <223> OTHER INFORMATION: synthetic peptide	
396 <400> SEQUENCE: 15	
397 gtcgactgac gcttcgaatg acgcacatgc catccatagc aagcccgacc caacccaacc	60
399 caacccaacc cacccttccatg cagccaaactg gcaaatagtc tccacaccccc ggactatca	120
401 ccgtgagttt tccgcaccac cgcacgtctc gcagccaaaa aaaaaaaaaaag aaagaaaaaa	180
403 aagaaaaaaga aaaaacagca ggtgggtccg gtcgtgggg gccggaaaaag cgaggagat	240
405 cgctgacgct tcgaatgacg cacatccccg agcagcgaag aggccggccc tccctccgct	300
407 tccaaagaaa cgccccccat caatttata tataggaat tcatttcatt tggagccccc	360
409 caaccctacc accaccacca ccaccacctc ctccttcaca caacacacac acaacagatc	420
411 tcccccattcc tccctcccg cgcgcgcgc aacaccttgt aagatggctg tgcgctcaga	480
413 tatatatagt gatatgcact acaaagatca taacttagacc gccgcctccc cccccccccc	540
415 tctctacctt ctctctttctt ttctccgttt ttttttccg tctcgctcgt atctttggcc	600

This type of error appears in subsequent sequences, Nov.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/16/2006
PATENT APPLICATION: US/10/539,476A TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt
Output Set: N:\CRF4\03162006\J539476A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; N Pos. 8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/539,476A

DATE: 03/16/2006

TIME: 11:37:43

Input Set : A:\Sequence Listing Project.txt

Output Set: N:\CRF4\03162006\J539476A.raw

L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0